

Replacement Claims

37. (twice amended) A capacitor comprising:

C1
Pul
D1
a first electrode and a second electrode, wherein at least one of said first and second electrodes is formed of a material selected from the group consisting of Ru, Rh, Pd, Os, Ir and Pt;

a dielectric provided between said electrodes; and

wherein at least one of said first and second electrodes is formed of a continuous platinum group metal formed in the presence of both oxygen and nitrous oxide at a predetermined ratio with a combined flow rate in the range of about 1500 sccm to about 2500 sccm.

41. (twice amended) A capacitor comprising:

C2
Pul
D2
a first electrode and a second electrode, wherein at least one of said first and second electrodes is formed of a material selected from the group consisting of Ru, Rh, Pd, Os, Ir and Pt;

a dielectric provided between said electrodes; and

wherein at least one of said first and second electrodes is a smooth and continuous platinum electrode formed by depositing platinum in a CVD deposition chamber in the presence of both oxygen and nitrous oxide at a predetermined temperature and at a pressure of from about 10 to about 1000 Torr.